

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/572,732
Source: 1FWP
Date Processed by STIC: 3/29/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 03/29/2006

PATENT APPLICATION: US/10/572,732

TIME: 09:48:31

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Output Set: N:\CRF4\03292006\J572732.raw

4 <110> APPLICANT: UAB Research Foundation
 6 ZINN, Kurt R.
 7 CHAUDHURI, Tandra R.
 8 WU, Hongju
 10 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IN VIVO
 11 INFLAMMATION MONITORING
 13 <130> FILE REFERENCE: 21085.0050P1
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 C--> 16 <141> CURRENT FILING DATE: 2006-03-21
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 19 <151> PRIOR FILING DATE: 2003-09-23
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251	cgtggcgggc	ggcagcgggc	ggcggtcggg	gttggttctg	gcggaggtgc	tgctgatgat	9900
252	gtaattaaag	taggcgggtc	tgagacggcg	gatggtcgac	agaagcacca	tgtccttggg	9960
253	tccggcctgc	tgaatgcgca	ggcggtcggc	catgccccag	gcttcgtttt	gacatcggcg	10020
254	caggctcttg	tagtagtctt	gcatgagcct	ttctaccggc	acttcttctt	ctccttcctc	10080
255	ttgtcctgca	tctcttgcat	ctatcgctgc	ggcggcgggc	gagtttggcc	gtaggtggcg	10140
256	ccctcttctc	cccatgcgtg	tgaccccgaa	gccccctcat	ggctgaagca	gggctaggtc	10200
257	ggcgacaacg	cgctcggcta	atatggcctg	ctgcacctgc	gtgagggtag	actggaaagtc	10260
258	atccatgtcc	acaaagcggg	ggtatgcgcc	cgtgttgatg	gtgtaagtgc	agttggccat	10320
259	aacggaccag	ttaacgggtc	ggtgacccgg	ctgcgagagc	tcgggtgtacc	tgagacgcga	10380
260	gtaagccctc	gagtcaaata	cgtagtcgtt	gcaagtccgc	accaggtact	ggtatcccac	10440
261	caaaaagtgc	ggcggcggtc	ggcggtagag	gggccagcgt	aggggtggccg	gggctccggg	10500
262	ggcgagatct	tccaacataa	ggcgatgata	tccgtagatg	tacctggaca	tccaggtgat	10560
263	gcccggcgcg	gtggtggagg	cgcgcggaaa	gtcgcggacg	cggttccaga	tgttgcgacg	10620
264	cggcaaaaag	tgctccatgg	tcgggacgct	ctggccgggtc	aggcgcgcgc	aatcgttgac	10680

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/572,732

DATE: 03/29/2006
TIME: 09:48:32

Input Set : A:\210850050P1.SEQ.TXT
Output Set: N:\CRF4\03292006\J572732.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220>

to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 693,709
Seq#:7; N Pos. 2,3,4,10,12,16,17,42,715,719
Seq#:28; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,123,124,125,126,127,128
Seq#:28; N Pos. 129,130,131,132,133,134,135,136,137,138,139,140,141,142,143
Seq#:28; N Pos. 144,145,146,147,148,149,150,151,152,153,154,155,156,157,158
Seq#:28; N Pos. 159,160,161,162,163,164,165,166,167,168,169,170,171,172,173
Seq#:28; N Pos. 174,175,176,177,178,179,180,181,182,183,184,185,186,187,188
Seq#:28; N Pos. 189,190,191,192,193,194,195,196,197,198,199,200,201,202,203
Seq#:28; N Pos. 204,205,206,207,208,209,210,211,212,213,214,215,216,217,218
Seq#:28; N Pos. 219,220,221,222,223,224,225,226,227,228,229,230,231,232,233
Seq#:28; N Pos. 234,235,236,237,238,239,240,241,242,243,244,245,246,247,248
Seq#:28; N Pos. 249,250,251,252,253,254,255,256,257,258,259,260,261,262,263
Seq#:28; N Pos. 264,265,266,267,268,269,270,271,272,273,274,275,276,277,278
Seq#:28; N Pos. 279,280,281,282,283,284,285,286,287,288,289,290,291,292,293
Seq#:28; N Pos. 294,295,296,297,298,299,300,301,302,303,304,305,306,307,308
Seq#:28; N Pos. 309,310,311,312,313,314,315,316,317,318,319,320,321,322,323
Seq#:28; N Pos. 324,325,326,327,328,329,330,331,332,333,334,335,336,337,338
Seq#:28; N Pos. 339,340,341,342,343,344,345,346,347,348,349,350,351,352,353
Seq#:28; N Pos. 354,355,356,357,358,359,360,361,362,363,364,365,366,367,368
Seq#:28; N Pos. 369,370,371,372,373,374,375,376,377,378,379,380,381,382,383
Seq#:28; N Pos. 384,385,386,387,388,389,390,391,392,393,394,395,396,397,398
Seq#:28; N Pos. 399,400,401,402,403,404,405,406,407,408,409,410,411,412,413
Seq#:28; N Pos. 414,415,416,417,418,419,420,421,422,423,424,425,426,427,428
Seq#:28; N Pos. 429,430,431,432,433,434,435,436,437,438,439,440,441,442,443
Seq#:28; N Pos. 444,445,446,447,448,449,450,451,452,453,454,455,456,457,458
Seq#:28; N Pos. 459,460,461,462,463,464,465,466,467,468,469,470,471,472,473
Seq#:28; N Pos. 474,475,476,477,478,479,480,481,482,483,484,485,486,487,488
Seq#:28; N Pos. 489,490,491,492,493,494,495,496,497,498,499,500,501,502,503
Seq#:28; N Pos. 504,505,506,507,508,509,510,511,512,513,514,515,516,517,518
Seq#:28; N Pos. 519,520,521,522,523,524,525,526,527,528,529,530,531,532,533
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Seq#:28; N Pos. 549,550,551,552,553,554,555,556,557,558,559,560,561,562,563
Seq#:28; N Pos. 564,565,566,567,568,569,570,571,572,573,574,575,576,577,578
Seq#:28; N Pos. 579,580,581,582,583,584,585,586,587,588,589,590,591,592,593
Seq#:28; N Pos. 594,595,596,597,598,599,600,601,602,603,604,605,606,607,608
Seq#:28; N Pos. 609,610,611,612,613,614,615,616,617,618,619,620,621,622,623
Seq#:28; N Pos. 624,625,626,627,628,629,630,631,632,633,634,635,636,637,638
Seq#:28; N Pos. 639,640,641,642,643,644,645,646,647,648,649,650,651,652,653
Seq#:28; N Pos. 654,655,656,657,658,659,660,661,662,663,664,665,666,667,668
Seq#:28; N Pos. 669,670,671,672,673,674,675,676,677,678,679,680,681,682,683
Seq#:28; N Pos. 684,685,686,687,688,689,690,691,692,693,694,695,696,697,698
Seq#:28; N Pos. 699,700,701,702,703,704,705,706,707,708,709,710,711,712,713
Seq#:28; N Pos. 714,715,716,717,718,719,720
Seq#:29; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/572,732

DATE: 03/29/2006
TIME: 09:48:32

Input Set : A:\210850050P1.SEQ.TXT

Output Set: N:\CRF4\03292006\J572732.raw

Seq#:29; N Pos. 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43
Seq#:29; N Pos. 44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63
Seq#:29; N Pos. 64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83
Seq#:29; N Pos. 84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102
Seq#:29; N Pos. 103,104,105,106,107,108,109,110,111,112,113,114,115,116,117
Seq#:29; N Pos. 118,119,120,121,122,123,124,125,126,127,128,129,130,131,132
Seq#:29; N Pos. 133,134,135,136,137,138,139,140,141,142,143,144,145,146,147
Seq#:29; N Pos. 148,149,150,151,152,153,154,155,156,157,158,159,160,161,162
Seq#:29; N Pos. 163,164,165,166,167,168,169,170,171,172,173,174,175,176,177
Seq#:29; N Pos. 178,179,180,181,182,183,184,185,186,187,188,189,190,191,192
Seq#:29; N Pos. 193,194,195,196,197,198,199,200,201,202,203,204,205,206,207
Seq#:29; N Pos. 208,209,210,211,212,213,214,215,216,217,218,219,220,221,222
Seq#:29; N Pos. 223,224,225,226,227,228,229,230,231,232,233,234,235,236,237
Seq#:29; N Pos. 238,239,240,241,242,243,244,245,246,247,248,249,250,251,252
Seq#:29; N Pos. 253,254,255,256,257,258,259,260,261,262,263,264,265,266,267
Seq#:29; N Pos. 268,269,270,271,272,381,382,383,384,385,386,387,388,389,390
Seq#:29; N Pos. 391,392,393,394,395,396,397,398,399,400,401,402,403,404,405
Seq#:29; N Pos. 406,407,408,409,410,411,412,413,414,415,416,417,418,419,420
Seq#:29; N Pos. 421,422,423,424,425,426,427,428,429,430,431,432,433,434,435
Seq#:29; N Pos. 436,437,438,439,440,441,442,443,444,445,446,447,448,449,450
Seq#:29; N Pos. 451,452,453,454,455,456,457,458,459,460,461,462,463,464,465
Seq#:29; N Pos. 466,467,468,469,470,471,472,473,474,475,476,477,478,479,480
Seq#:29; N Pos. 481,482,483,484,485,486,487,488,489,490,491,492,493,494,495
Seq#:29; N Pos. 496,497,498,499,500,501,502,503,504,505,506,507,508,509,510
Seq#:29; N Pos. 511,512,513,514,515,516,517,518,519,520,521,522,523,524,525
Seq#:29; N Pos. 526,527,528,529,530,531,532,533,534,535,536,537,538,539,540
Seq#:29; N Pos. 541,542,543,544,545,546,547,548,549,550,551,552,553,554,555
Seq#:29; N Pos. 556,557,558,559,560,561,562,563,564,565,566,567,568,569,570
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Seq#:29; N Pos. 586,587,588,589,590,591,592,593,594,595,596,597,598,599,600
Seq#:29; N Pos. 601,602,603,604,605,606,607,608,609,610,611,612,613,614,615
Seq#:29; N Pos. 616,617,618,619,620,621,622,623,624,625,626,627,628,629,630
Seq#:29; N Pos. 631,632,633,634,635,636,637,638,639,640,641,642,643,644,645
Seq#:29; N Pos. 646,647,648,649,650,651,652,653,654,655,656,657,658,659,660
Seq#:29; N Pos. 661,662,663,664,665,666,667,668,669,670,671,672,673,674,675
Seq#:29; N Pos. 676,677,678,679,680,681,682,683,684,685,686,687,688,689,690
Seq#:29; N Pos. 691,692,693,694,695,696,697,698,699,700,701,702,703,704,705
Seq#:29; N Pos. 706,707,708,709,710,711,712,713,714,715,716,717,718,719,720

VERIFICATION SUMMARY

DATE: 03/29/2006

PATENT APPLICATION: US/10/572,732

TIME: 09:48:32

Input Set : A:\210850050P1.SEQ.TXT

Output Set: N:\CRF4\03292006\J572732.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:698 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:702 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:660
L:725 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:729 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:660
L:1008 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1012 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:1013 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:120
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:180
L:1017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:240
L:1018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:300
L:1019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:360
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:420
L:1021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:480
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:540
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:600
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:660
L:1035 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1039 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29
L:1040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:60
L:1042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:120
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:180
L:1044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:240
L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:360
L:1047 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:420
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:480
L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:540
L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:600
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:660